Index of Claims

| Application/Contr | rol No. |
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10/622,749 Examiner

Joni Hsu

Applicant(s)/Patent under Reexamination

KARLOV, DONALD DAVID

Art Unit

2628

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- (Through numeral)
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+ Restricted

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| Cla          | im                                     | Date              |          |  |          |              |          |            |                 | $\Box$    |
| Final        | Original                               | 90/01/h           |          |  |          |              |          |            |                 |           |
|              | 1                                      | V                 | -        |  |          |              |          | _          |                 | $\neg$    |
|              | 1<br>2<br>3<br>4<br>5<br>6             | V                 |          | П  |          |              |          |            |                 | _         |
|              | 3                                      | 0                 |          |  |          |              |          |            |                 |           |
|              | 4                                      |                   |          |  |          |              |          |            |                 |           |
|              | 5                                      | $\prod$           |          |  |          |              |          |            |                 | _         |
|              | 6                                      | Y                 |          |  |          |              |          |            | Ш               | _         |
|              | 7<br>8                                 | $\coprod$         | _        | L  | Щ        |              | _        |            |                 | _         |
|              | 8                                      | 11                |          |  | Ш        |              | _        |            | Ш               | _         |
|              | 9                                      | #                 |          |  | _        |              | _        |            | Н               |           |
|              | 10                                     | #                 | _        | <u> </u>   |          |              | _        | ┡          | Н               | _         |
| ļ            | 11                                     | ₩                 | <u> </u> |  |          |              |          | ⊢          | Н               |           |
| <u> </u>     | 10<br>11<br>12<br>13<br>14<br>15<br>16 | ╫                 | <u> </u> | $\vdash$   | $\vdash$ | -            | $\vdash$ | $\vdash$   | H               | $\dashv$  |
| <del> </del> | 13                                     | ₩                 | $\vdash$ |  | $\vdash$ | -            | -        | <u> </u>   | $\vdash$        |           |
| <del> </del> | 15                                     | ₩                 | $\vdash$ | i -  |          | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash \vdash$ | $\dashv$  |
| <u> </u>     | 16                                     | #                 | $\vdash$ | -  | $\vdash$ | <del> </del> | $\vdash$ | $\vdash$   | $\vdash$        | ᅱ         |
| -            | 17                                     | 6                 | $\vdash$ | <del>                                     </del> | $\vdash$ |              | $\vdash$ | $\vdash$   | Н               |           |
|              | 18                                     | ۲                 | $\vdash$ | $\vdash$   | -        | $\vdash$     | -        | _          | Н               | $\exists$ |
|              | 18<br>19                               | ₹                 | $\vdash$ |  |          | _            | ┢        |            |                 |           |
|              | 20                                     | 'n                | $\vdash$ |  | H        | $\vdash$     | $\vdash$ | $\vdash$   | Н               | $\dashv$  |
|              | 21                                     | Ιĭ                |          | T  |          |              | $\vdash$ |            |                 |           |
| <u> </u>     | 22                                     | $\dagger \dagger$ |          | Г  |          |              |          | Т          |                 | П         |
|              | 21<br>22<br>23                         | V                 |          |  |          |              | Г        | Π          |                 |           |
|              | 24                                     | Ti                |          |  |          |              |          |            |                 |           |
|              | 24<br>25                               | П                 |          |  |          |              |          |            |                 |           |
|              | 26<br>27                               | П                 |          |  |          |              |          |            |                 |           |
|              | 27                                     | Ц                 | L        |  |          |              |          | L          |                 | Ш         |
|              | 28                                     | П                 | L        |  |          |              | _        |            |                 |           |
|              | 29<br>30                               | Ц                 |          | <u> </u>   | <u>_</u> | _            |          | _          | <u> </u>        |           |
|              | 30                                     | 0                 | _        | <u> </u>   | <u> </u> | <u> </u>     | L_       | <u> </u>   | ╙               |           |
|              | 31                                     | ᆮ                 | <u> </u> | _  | <u> </u> | _            | <u> </u> | <u> </u>   | ┡               |           |
|              | 32<br>33                               | #                 | -        | _  | _        | <u> </u>     | ⊢        | <b>!</b> — | _               | _         |
| <u> </u>     | 33                                     | #                 | <u> </u> | ├-   | -        | -            |          | <b>├</b>   | $\vdash$        | Н         |
| <u> </u>     | 34<br>35                               | ╫                 | $\vdash$ |  | -        | -            | $\vdash$ | ⊢          | ⊢               | $\vdash$  |
| -            | 35                                     | Ψ,                | -        | ╁  | ⊢        | $\vdash$     | ┢        | -          | -               | Н         |
| <b>-</b>     | 36<br>37                               | Y                 | $\vdash$ | +-   | ┢        | -            | H        | H          | $\vdash$        | Н         |
|              | 38                                     | +-                | $\vdash$ | ╁  | $\vdash$ | -            | $\vdash$ | $\vdash$   |                 | Н         |
|              | 39                                     | +-                | $\vdash$ | t  | H        | $\vdash$     | $\vdash$ | $t^-$      | 1-              | $\vdash$  |
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|              | 41                                     | T                 | T        | T  | T        | $\vdash$     | T        | 1          | †               |           |
|              | 42                                     | 1                 | $\vdash$ | T  | Т        |              | Γ        | Τ          | Г               |           |
|              | 43                                     | 1                 | Π        | 1  | Π        | Π            | 1        |            | Π               |           |
|              | 44                                     | $\perp$           |          |  |          |              | L        |            |                 |           |
|              | 45                                     |                   | Ε        |  |          |              |          |            |                 |           |
|              | 46                                     |                   |          |  |          |              |          |            | 匚               |           |
|              | 47                                     |                   | 匚        |  |          | L            | Ĺ        | Ĺ          | $\perp$         |           |
|              | 48                                     | _                 | L        |  |          | _            | $\vdash$ | $\perp$    | _               |           |
| <u></u>      | 49                                     | _                 |          | 1_   | ــــ     | _            | $\perp$  | 1          | 1               | _         |
| L            | 50                                     | 1                 |          |  |          | 1            |          | 1          | 1_              | 1         |

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|          |          | $\neg$    |              | П         | П        | $\neg$   | $\neg$   |        |          |          |
| Final    | Original |           |              |           |          |          |          |        |          |          |
|          | 51       |           |              |           |          |          |          |        |          |          |
|          | 52       |           |              |           |          |          |          |        |          |          |
|          | 53       |           |              |           |          |          |          |        |          |          |
|          | 54       |           |              |           | $\neg$   | $\neg$   |          | $\neg$ |          | _        |
| -        | 54<br>55 | -         | -            |           | $\dashv$ | $\dashv$ | $\dashv$ |        |          |          |
| ├─       | 56       | _         |              |           | -        | $\dashv$ |          | -      |          |          |
|          | 57       |           | -            |           | -        |          | $\dashv$ | -      | _        | _        |
|          | 58       | -         | $\vdash$     |           | -        |          | $\dashv$ | _      | _        | _        |
| <u> </u> | 50       | _         | _            |           | $\dashv$ | _        | -        | _      |          |          |
|          | 59       | _         | Щ            | Н         | _        |          |          |        |          |          |
|          | 60       |           | Щ            | -         | -        | _        | -        |        |          | <u> </u> |
| <u></u>  | 61       | $\square$ | Ш            | $\vdash$  |          | $\Box$   | $\dashv$ |        | _        |          |
|          | 62       |           | Щ            | $\square$ |          |          | Щ        |        | _        |          |
|          | 63       |           |              | Ш         |          |          |          |        |          |          |
|          | 64       |           |              |           |          |          |          | _      | <u> </u> | L_       |
|          | 65       | <u> </u>  |              | Ш         |          |          |          |        | L        | L_       |
| L        | 66       |           |              | Ш         |          |          | Щ        |        |          | L        |
|          | 67       |           | $oxed{oxed}$ |           |          |          |          |        | _        | _        |
| L        | 68       |           |              |           |          |          |          |        |          | _        |
|          | 69       |           |              |           |          |          |          |        | _        | L        |
|          | 70       |           |              |           |          |          |          |        | L        | L        |
|          | 71       |           |              |           |          |          |          |        |          |          |
|          | 72_      |           |              |           |          |          |          |        |          | L        |
|          | 73       |           |              |           |          |          |          |        |          |          |
|          | 74       |           |              |           |          |          |          |        |          |          |
|          | 75       |           |              |           |          |          |          |        |          | _        |
|          | 76<br>77 |           |              |           |          |          |          |        | Ĺ        |          |
|          | 77       |           |              |           |          |          |          |        |          |          |
|          | 78       | Π         |              |           |          |          |          |        |          |          |
|          | 79       |           |              |           |          |          |          |        |          |          |
|          | 80       | Г         |              |           |          | Г        |          |        |          |          |
|          | 81       | Γ         | Π            |           |          |          |          |        |          |          |
|          | 82       | Π         | Г            |           |          |          |          |        |          |          |
|          | 83       | Π         | Г            |           | Γ        |          |          |        |          |          |
|          | 84       |           |              |           |          |          |          |        |          |          |
|          | 85       | Г         |              | Π         |          |          |          |        |          |          |
|          | 86       |           |              | Π         |          |          |          |        |          |          |
|          | 87       |           |              |           |          |          |          |        |          |          |
|          | 88       |           |              | l         |          |          |          |        |          |          |
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|          | 90       |           | Π            |           |          |          |          | •      |          | Γ        |
|          | 91       |           |              |           |          |          |          |        |          |          |
|          | 92       |           |              |           |          |          |          |        |          |          |
|          | 93       |           |              |           |          |          |          |        |          |          |
|          | 94       |           |              |           |          |          |          |        |          |          |
|          | 95       |           |              |           |          |          |          |        |          |          |
|          | 96       |           |              |           |          |          |          |        |          |          |
|          | 97       |           |              |           |          |          |          |        |          |          |
|          | 98       |           | Γ            | $\Gamma$  |          | L        |          |        |          |          |
|          | 99       |           | Г            | Г         |          | Γ        | Γ        |        | Г        | Γ        |

| Cl       | aim   | Date         |          |          |              |          |          |          | $\neg$   |          |
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| Final    | Original  |              |          |          |              |          |          |          |          |          |
|          | 101<br>102  |              |          |          |              |          |          |          |          |          |
|          | 102   |              |          |          | $\Box$       |          |          | _        |          | $\dashv$ |
|          | 103   | _            |          | H        |              | $\dashv$ | $\dashv$ | _        | _        | $\dashv$ |
| _        | 104   |              | _        | Н        | _            | $\dashv$ | -        | _        |          | $\dashv$ |
|          | 103<br>104<br>105<br>106  | Н            |          | Н        |              |          |          | -        |          | $\dashv$ |
|          | 10/   |              |          |          |              | П        |          |          |          | $\dashv$ |
|          | 108   |              |          |          |              |          |          |          |          |          |
|          | 109   |              |          |          |              |          |          |          |          | Ш        |
|          | 110   |              |          |          |              |          |          | _        | Ш        | $\dashv$ |
|          | 111   | -            |          | -        | _            |          | $\vdash$ |          |          | Н        |
|          | 113   | -            |          | _        | -            |          |          |          |          | $\dashv$ |
| $\vdash$ | 108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117                                    | Н            | Н        |          | П            | H        |          | _        | $\vdash$ | $\dashv$ |
|          | 115   |              |          |          |              |          |          |          |          |          |
|          | 116   |              |          |          |              |          |          |          |          |          |
|          | 117   |              | _        | <u> </u> |              | _        | Ш        | _        | _        |          |
|          | 118   |              |          | <u> </u> | H            | -        |          |          |          |          |
| -        | 120   | $\vdash$     | ┝        | $\vdash$ |              | -        |          | _        | H        |          |
|          | 121   |              | -        | I        |              |          |          |          |          | П        |
|          | 122   |              |          |          |              |          |          |          |          |          |
|          | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133 | L            | _        | _        | _            | _        |          |          | _        |          |
| <u> </u> | 124   | _            | -        | -        | <del> </del> | -        |          |          |          | $\vdash$ |
|          | 125   | -            | $\vdash$ | -        | _            | -        |          | _        |          | Н        |
|          | 127   | Г            |          |          | $\vdash$     |          |          | _        |          | П        |
|          | 128   |              |          |          |              |          |          |          |          |          |
|          | 129   | 匚            | _        | _        | <u> </u>     | _        | _        |          | <u> </u> |          |
| <u> </u> | 130   | _            | _        | _        | <u> </u>     |          | H        | _        |          | Н        |
|          | 132   | -            | -        | $\vdash$ |              | ⊢        |          | $\vdash$ | $\vdash$ | Н        |
|          | 133   |              | -        | $\vdash$ |              | Н        |          |          | Т        | Н        |
|          | 134   |              |          |          |              |          |          |          |          |          |
|          | 135   |              | L        |          |              |          | _        | L        | _        | Ш        |
|          | 135<br>136<br>137   | <u> </u>     | -        | ⊢        | -            | -        | -        | _        | -        | Н        |
| <u> </u> | 137   | $\vdash$     | -        | ├        |              | ├        | ┢╌       | -        | -        | Н        |
| <u> </u> | 138<br>139  |              | -        |          | Н            | $\vdash$ |          |          | <u> </u> | Н        |
|          | 140   | Ī.,          |          |          | T            |          |          |          |          |          |
|          | 141   |              | $\Box$   |          |              | L        |          |          | L        | $\Box$   |
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| -        | 143   | ├-           | -        | ├-       | $\vdash$     | $\vdash$ | -        | ├        | $\vdash$ | -        |
| -        | 144   | ╁╌           | +-       | +        | ┢            | -        | -        | 1        | $\vdash$ | $\vdash$ |
|          | 146   |              | Η        | $\vdash$ | $\vdash$     | 1        | $\vdash$ |          | T        |          |
|          | 147   |              |          |          |              |          |          |          | L        |          |
|          | 148   |              |          | L        | $\perp$      |          | <u> </u> | Ĺ        | L        | <u>↓</u> |
| <u> </u> | 149   | ┞-           | -        | ┞-       | $\vdash$     | ╀        | -        | ├-       | ┡        | ├-       |
|          | 150   | <u>L_</u>    | L        | 乚        | 乚            | 丄        | l        | <u></u>  | 1        | <u></u>  |